



**US Army Corps
of Engineers®**
Omaha District

Information Paper

Missouri River Fish and Wildlife Mitigation Project Langdon Bend



Aerial view of Langdon Bend Mitigation Site

Contact

Mike Barnes, Project Manager
Email: micheal.j.barnes@usace.army.mil
Phone: 402-221-4605

Location

3 miles south of Brownville, Nebraska in Nemaha County.

Description

The Langdon Bend site is located on 921 acres of former agricultural land purchased by the Corps of Engineers. The area is adjacent to the right descending bank of the Missouri River, at river miles 520 and 532.

The chute at Langdon Bend was closed in conjunction with the Missouri River Bank Stabilization and Navigation Project (BSNP). Construction of the BSNP cut off the side channel across Langdon Bend. The main project element for mitigation at this site is a backwater/shallow water area. The old channel could not be opened to the river at the upstream end of the site due to its proximity to the Cooper Nuclear Power Plant.

Restoration of this area is complete. The work included a 10-foot bottom width pilot channel and backwater area. The channel is connected to the river at the outlet, but the channel stops before meeting the river at the upstream end. Flow into this area will occur by water backing up the channel and overland flow during high water times.

The Nebraska Game & Parks Department has assumed operation and management of the constructed features. No motor vehicles are allowed on the site, but public foot access is available. This site can be used for a variety of outdoor activities including fishing, bird watching, hiking and hunting when in season.

Current Status

This project was completed in 2000. It has been operational since that time and continues to function as planned providing shallow water and flood plain terrestrial habitat.